

SONS ArcIMS Response Web Site

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Introduction

- Geographic Information Systems (GIS)
- Internet Map Server (ArcIMS)
- Spill of National Significance (SONS) Response Web Site

Geographic Information Systems (GIS)

- What is GIS?
 - Digital Mapping/Cartography
 - Geographic Analysis

Internet Map Server (ArcIMS)

- What is ArcIMS?
 - Server software developed by Environmental Systems Research Institute (ESRI)
 - Allows geographic data to be displayed and queried over the Internet

Internet Map Server (ArcIMS)

- How does it work?
 - Hardware
 - Software
 - Conceptual Components
 - Request/Response Process

ArcIMS: How does it work?

- Hardware (minimum req.)
 - CPU: Pentium III / 800 MHz
 - RAM: 512 MB
 - Disk: 50 GB

ArcIMS: How does it work?

■ Software

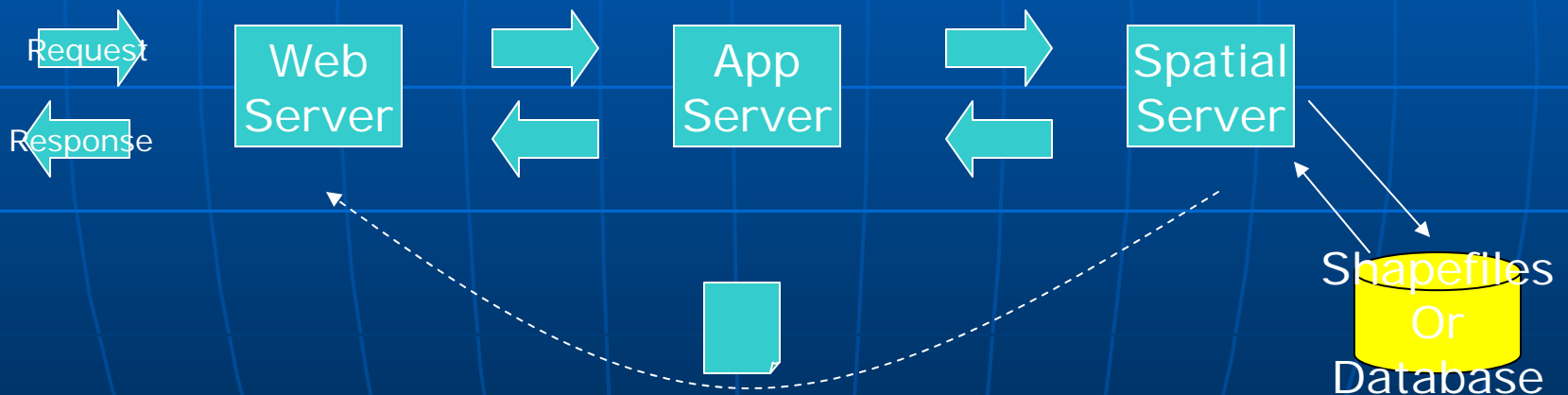
- Web Server (e.g. Internet Information Server (IIS) or Apache)
- Jakarta Tomcat Servlet Container
- ArcIMS Software

ArcIMS: How does it work?

- Conceptual Components
 - Web Server (includes servlet container)
 - Application Server
 - Spatial Server

ArcIMS: How does it work?

- Request/Response Process



SONS Response Web Site

■ Goals

- To provide response-related data to all interested parties in a timely and easily-accessible manner.
- Improve communication between all interested parties.

SONS Response Web Site

■ Features

- Zoom In
- Zoom Out
- Pan
- Zoom Last Extent
- Zoom Full Extent
- Identify
- Print